

**Amendments to the Claims:**

*This listing of claims will replace all prior versions, and listings, of claims in the application:*

1. (Currently Amended) A gasification boiler for solid fuels, the boiler comprising:

a fuel and gasification ~~space~~ chamber closable by a filling door and having air feeds and depressions for collecting and holding ash, the depressions disposed adjacent to a grating arranged at the bottom of the fuel and gasification ~~space~~ chamber and configured to allow coarse ash particles to outgas while not loading combustion gas flow;

a combustion ~~space~~ chamber situated below the grating;

a secondary combustion chamber connected to an outlet of the combustion ~~space~~ chamber; and

[[an]] a cylindrical ash separator located downstream from the secondary combustion chamber and connected at the top tangentially to an outlet of the secondary combustion chamber, the ash separator being connected to a known heat exchanger;

2. (Currently Amended) The gasification boiler as claimed in claim 1, characterized in that the depressions of the fuel and gasification ~~space~~ chamber are of half-shell-shaped design and run parallel to the combustion ~~space~~ chamber and each depression has a small door for the removal of ash.

3. (Currently Amended) The gasification boiler as claimed in claim 1 characterized in that the secondary combustion chamber is cylindrical and connected at the bottom tangentially to the outlet of the combustion ~~space~~ chamber, so that the combustion gas rises therein in a swirling manner and in that the secondary combustion chamber can be closed at the top by a cover.

4. (Currently Amended) The gasification boiler as claimed in claim 1 characterized in that ~~the ash separator is cylindrical and connected at the top tangentially to the outlet of the secondary combustion chamber, and wherein~~ a substantially vertical pipe is arranged centrally within the ash separator, the pipe having a lower opening approximately halfway up a height of the ash separator.

5. (Currently Amended) The gasification boiler as claimed in claim 4, characterized in that a circular baffle plate is fitted below the opening of the pipe in such a manner that an annular opening for the depositing of ash remains ~~from~~ between an outer wall of the ash separator and the baffle plate, and in that the ash separator can be closed at the top by a cover.

6. (Previously Presented) The gasification boiler as claimed in claim 1 characterized in that the secondary combustion chamber, the ash separator and the heat exchanger are connected in a framework to form a constructional unit.

7. (Currently Amended) The gasification boiler as claimed in claim 2 characterized in that the secondary combustion chamber is cylindrical and connected at the bottom tangentially to the outlet of the combustion ~~space~~ chamber so that the combustion gas rises therein in a swirling manner and in that the combustion chamber can be closed at the top by a cover.

8. (Currently Amended) The gasification boiler as claimed in claim 2 characterized in that ~~the ash separator is cylindrical and connected at the top tangentially to the outlet of the combustion chamber, and~~ a substantially vertical pipe is arranged centrally within the ash separator, the pipe having a lower opening approximately halfway up a height of the ash separator.

9. (Currently Amended) The gasification boiler as claimed in claim 3 characterized in that ~~the ash separator is cylindrical and connected at the top tangentially to the outlet of the secondary combustion chamber, and wherein~~ a substantially vertical pipe is arranged

centrally within the ash separator, the pipe having a lower opening approximately halfway up a height of the ash separator.

10. (Previously Presented) The gasification boiler as claimed in claim 2 characterized in that the secondary combustion chamber, the ash separator and the heat exchanger are connected in a framework to form a constructional unit.

11. (Previously Presented) The gasification boiler as claimed in claim 3 characterized in that the secondary combustion chamber, the ash separator and the heat exchanger are connected in a framework to form a constructional unit.

12. (Previously Presented) The gasification boiler as claimed in claim 4 characterized in that the secondary combustion chamber, the ash separator and the heat exchanger are connected in a framework to form a constructional unit.

13. (Previously Presented) The gasification boiler as claimed in claim 5 characterized in that the secondary combustion chamber, the cylindrical ash separator and the heat exchanger are connected in a framework to form a constructional unit.